

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

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|------------------------|-----------------|
| Application Number | 10721216 |
| Filing Date | 2003-11-26 |
| First Named Inventor | RALPH E. BURNS |
| Art Unit | 1743 |
| Examiner Name | Warden, Jill A. |
| Attorney Docket Number | 2599-104-C4 |

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| /P.K.W./ | 1 | 3881869 | | 1975-05-06 | Neti et al. | |
| /P.K.W./ | 2 | 5086233 | A | 1992-02-04 | Stafford et al. | |
| /P.K.W./ | 3 | 5290513 | A | 1994-03-01 | Berthold et al. | |
| /P.K.W./ | 4 | 5611994 | A | 1997-03-18 | Bailey et al. | |

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| /P.K.W./ | 1 | 9511441 | WO | A1 | 1975-04-27 | Anthos Labtec Instruments GMBH | [X] English Abstract | <input type="checkbox"/> |
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|-------------------|---------|---------------|------------------------|------------|---|--|
| /P.K.W./ | 1 | 4346056 | | 1982-08-24 | SAKURADA | |
| /P.K.W./ | 2 | 4683195 | | 1987-07-28 | MULLIS et al. | |
| /P.K.W./ | 3 | 4683202 | | 1987-07-28 | MULLIS | |
| /P.K.W./ | 4 | 4981801 | | 1991-01-01 | SUZUKI et al. | |
| /P.K.W./ | 5 | 5330916 | | 1994-07-19 | WILLIAMS et al. | |
| /P.K.W./ | 6 | 5374395 | | 1994-12-20 | ROBINSON et al. | |
| /P.K.W./ | 7 | 5422271 | | 1995-06-06 | CHEN et al. | |
| /P.K.W./ | 8 | 5746978 | | 1998-05-05 | BIENHAUS et al. | |

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|----------|----|---------|--|------------|-----------------|--|
| /P.K.W./ | 9 | 5919622 | | 1999-07-06 | MACHO et al. | |
| /P.K.W./ | 10 | 6068978 | | 2000-05-30 | ZAUN et al. | |
| /P.K.W./ | 11 | 6919175 | | 2005-07-19 | BIENHAUS et al. | |
| /P.K.W./ | 12 | 4863690 | | 1989-09-05 | BERTHOLD et al. | |

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| /P.K.W./ | 1 | 20020123156 | A1 | 2002-09-05 | TAJIMA | |

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|-------------------|---------|--------------------------------------|-----------------------------|------------------------|------------------|---|--|--------------------------|
| /P.K.W./ | 1 | 90/008840 | WO | A1 | 1990-08-09 | EASTMAN KODAK COMPANY; CETUS CORPORATION | | <input type="checkbox"/> |
| /P.K.W./ | 2 | 93/03383 | WO | A1 | 1993-02-18 | E.I. DU PONT DE NEMOURS AND COMPANY | | <input type="checkbox"/> |

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|----------|----|-------------|----|----|------------|---|--|--------------------------|
| /P.K.W./ | 3 | 93/07292 | WO | A1 | 1993-04-15 | ORGENICS INTERNATIONAL HOLDINGS B.V. | | <input type="checkbox"/> |
| | 4 | 93/20450 | WO | A1 | 1993-10-14 | ABBOTT LABORATORIES | | <input type="checkbox"/> |
| | 5 | 93/25912 | WO | A2 | 1993-12-23 | MEDICAL RESEARCH COUNCIL | | <input type="checkbox"/> |
| | 6 | 95/11454 | WO | A1 | 1995-04-27 | ABBOTT LABORATORIES | | <input type="checkbox"/> |
| | 7 | 96/31781 | WO | A1 | 1996-10-10 | BOEHRINGER MANNHEIM GMBH | | <input type="checkbox"/> |
| | 8 | 97/16561 | WO | A1 | 1997-05-09 | DAVID SARNOFF RESEARCH CENTER, INC. | | <input type="checkbox"/> |
| | 9 | 97/34908 | WO | A1 | 1997-09-25 | IN-NOVA GESELLSCHAFT ZUR ENTWICKLUNG UND VERMAR... | | <input type="checkbox"/> |
| | 10 | 2000-500331 | JP | A | 2000-01-18 | DAVID SARNOFF RESEARCH CENTER, INC. | | <input type="checkbox"/> |
| | 11 | 2001-503730 | JP | A | 2001-03-21 | IN-NOVA GESELLSCHAFT ZUR ENTWICKLUNG UND VERMAR... | | <input type="checkbox"/> |
| | 12 | 03-105251 | JP | A2 | 1991-05-02 | HITACHI LTD. | | <input type="checkbox"/> |
| /P.K.W./ | 13 | 3-502167 | JP | A | 1991-05-23 | EASTMAN KODAK COMPANY; CETUS CORPORATION | | <input type="checkbox"/> |

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| | | | | | | | | |
|----------|----|-----------|----|----|------------|--|--|--------------------------|
| /P.K.W./ | 14 | 03-007571 | JP | A | 1991-01-14 | EASTMAN KODAK CO | | <input type="checkbox"/> |
| | 15 | 04-328467 | JP | A | 1992-11-17 | CIBA CORNING DIAGNOSTICS CORP | | <input type="checkbox"/> |
| | 16 | 5-317030 | JP | A | 1993-12-03 | HITACHI LTD | | <input type="checkbox"/> |
| | 17 | 6-197797 | JP | | 1994-07-19 | EASTMAN KODAK CO | | <input type="checkbox"/> |
| | 18 | 6-509647 | JP | A | 1994-10-27 | E.I. DU PONT DE NEMOURS AND COMPANY | | <input type="checkbox"/> |
| | 19 | 7/107975 | JP | A2 | 1995-04-25 | HITACHI LTD | | <input type="checkbox"/> |
| | 20 | 7/107999 | JP | A2 | 1995-04-25 | HITACHI LTD | | <input type="checkbox"/> |
| | 21 | 7-191042 | JP | A | 1995-07-28 | AMOCO CORP | | <input type="checkbox"/> |
| | 22 | 7-501933 | JP | A | 1995-03-02 | ORGENICS INTERNATIONAL HOLDINGS B.V. | | <input type="checkbox"/> |
| | 23 | 7-506184 | JP | A | 1995-07-06 | ABBOTT LABORATORIES | | <input type="checkbox"/> |
| /P.K.W./ | 24 | 07-75544 | JP | A | 1995-03-20 | PERKIN ELMER CORP | | <input type="checkbox"/> |

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|----------|----|-----------|----|---|------------|---|--|--------------------------|
| /P.K.W./ | 25 | 8/320274 | JP | A | 1996-12-03 | PRECISION SYSTEM SCIENCE LIMITED | | <input type="checkbox"/> |
| | 26 | 8-9957 | JP | A | 1996-01-16 | BOEHRINGER MANNHEIM GESELLSCHAFT MIT B ESCHRANK... | | <input type="checkbox"/> |
| | 27 | 9-121899 | JP | A | 1997-05-13 | BOEHRINGER MANNHEIM GESELLSCHAFT MIT B ESCHRANK... | | <input type="checkbox"/> |
| | 28 | 9-224644 | JP | | 1997-02-09 | DAINIPPON PRINTING CO LTD | | <input type="checkbox"/> |
| | 29 | 9-504428 | JP | A | 1997-05-06 | ABBOTT LABORATORIES | | <input type="checkbox"/> |
| | 30 | 9-504610 | JP | A | 1997-05-06 | ABBOTT LABORATORIES | | <input type="checkbox"/> |
| | 31 | 11-503315 | JP | A | 1999-03-26 | BOEHRINGER MANNHEIM GMBH | | <input type="checkbox"/> |
| | 32 | 56-29466 | JP | | | OLYMPUS OPTICAL COMPANY LIMITED | | <input type="checkbox"/> |
| | 33 | 56-31358 | JP | | | OLYMPUS OPTICAL COMPANY LIMITED | | <input type="checkbox"/> |
| | 34 | 60-241884 | JP | A | 1985-11-30 | TOKYO DAIGAKU | | <input type="checkbox"/> |
| /P.K.W./ | 35 | 61-274697 | JP | A | 1986-12-04 | CETUS CORPORATION | | <input type="checkbox"/> |

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| /P.K.W./ | 36 | 98/00697 | WO | A1 | 1998-01-08 | DPC CIRRUS, INC. | <input type="checkbox"/> |
| /P.K.W./ | 37 | 0272055 | EP | A2 | 1988-06-22 | FIRSTPOOL LIMITED | <input type="checkbox"/> |

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Information Disclosure Statement by Applicant (PTO/SB/O8)

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Application No.: 10/721,216

Filing Date: 11-26-2003

First Named Inventor: Ralph BURNS

Group Art Unit: 1743

Examiner Name: Patricia K. Bex

Attorney Docket No.: 2599-104-C4

Customer No.: 6449

Confirmation No.: 6271

U.S. PATENT DOCUMENTS

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|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
| | | Number | Kind Code ² (if known) | | |
| /P.K.W./ | | 5,232,665 | | Burkovich et al. | 08-03-1993 |
| | | 5,527,673 | | Reinhartz et al. | 06-18-1996 |
| | | 6,071,395 | | Lange | 06-06-2000 |
| | | 6,399,952 | B1 | Maher et al. | 06-04-2002 |
| | | 6,597,450 | B1 | Andrews et al. | 07-22-2003 |
| /P.K.W./ | | 6,919,058 | B2 | Andersson et al. | 07-19-2005 |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | T ⁶ |
|-----------------------|--------------------------|-------------------------|---------------------|--------------------------------------|--|--|----------------|
| | | Office ³ | Number ⁴ | Kind ⁵ Code (if known) | | | |
| /P.K.W./ | | EP | 0885958 | A1 | Precision System Science Co., Ltd. | 12-23-1998 | |
| /P.K.W./ | | WO | 9115768 | A1 | Syngene, Inc. | 10-17-1991 | |
| /P.K.W./ | | WO | 9731105 | A1 | Precision System Science Co., Ltd. | 08-28-1997 | AB |
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| /P.K.W./ | | ANONYMOUS, "Cup and Tip Supply Ring," Research Disclosure, Mason Publications, Emsworth GB, No. 318, 3 pages (Oct. 1990) | |
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